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TITLE: MOLD RELEASE FILM FOR MANUFACTURING PRINTED
WIRING BOARD
AND MANUFACTURE THEREOF

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ABSTRACT:

PURPOSE: To improve rigidity of a film by manufacturing a mold release film from uniaxially oriented PMP film.

CONSTITUTION: PMP contains polymer which mainly contains single polymer of 4-methyl-1-pentene or 4-methyl-1-pentene as a main ingredient. A PMP film melted and extruded through a T die by an extruder 1 is cooled to about 80°C by a cooling roll 2, and supplied to elongation rolls 4, 4' in a state that it is heated to about 170°C by heating rolls 3. In this case, the rotating speed of the elongating roll is regulated to uniaxially orient it to 2.5 to 6 times or desirably 4 to 5 times, it is cut in a

predetermined length
by a cutter as a film product. Thus, a PMP film having excellent
rigidity can
be manufactured.

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